

ABSTRACT OF THE DISCLOSURE

~~This invention is aimed at equalizing as much as possible the effect of thread-formed portions on the crystallization of a molten resin material along the circumferential direction of the neck, and thereby, obtaining a~~ A resource-saving neckmouth cylindrical part of a synthetic resin bottle having high resistance to pressure and heat and a high, stable sealing property. property is provided. The part is aimed at equalizing an effect of thread-formed portions on the crystallization of a molten resin material along the circumferential direction of the part.

The means of achieving these objects comprises These objectives are achieved by (1) forming screw threads of a multi-threaded screw structure on the outer surface of the ~~round neck~~mouth cylindrical part wall, each screw thread comprising a main thread, with a starting extension and an ending extension extending from the main thread, extension, with a width and height thereof being reduced gradually ~~from the dimensions of the main thread measured at the main thread start point (a) and the main thread end point (b)~~; (2) disposing the starting extension of a screw thread vertically above the ending extension of another thread; and (3) whitening the entire ~~neck~~ part by thermal crystallization. Even if the ~~neck 1 has a wide diameter or if the upper temperature limit is raised, the sinks~~ Sinks are prevented from occurring in the top end face of the ~~round neck wall 2, mouth cylindrical part wall~~, and the ~~neck~~ height can be restricted in spite of an despite increase in the diameter of the ~~neck 1~~ diameter.